

Title (en)  
3,5-DIAMINOPHENYL ALKYL AMINES AND THEIR USE IN HAIR-DYEING COMPOSITIONS

Publication  
**EP 0355364 A3 19900516 (DE)**

Application  
**EP 89112609 A 19890710**

Priority  
DE 3824299 A 19880718

Abstract (en)  
[origin: EP0355364A2] 3,5-Diaminophenyl alkylamines of formula (I) and their salts are suitable for use as couplers in the manufacture of oxidative hair dyes based on ordinary developer compounds. 3,5-Diaminophenyl benzylamine is a particularly suitable coupler for hair dyes containing 2,4,5,6-tetraaminopyrimidine or its derivatives as the developer for producing red to brown shades with good fastness properties.

IPC 1-7  
**C07C 211/51**; **A61K 7/13**

IPC 8 full level  
**C07C 211/50** (2006.01); **C07C 211/51** (2006.01)

CPC (source: EP KR)  
**A61K 8/411** (2013.01 - EP); **A61Q 5/10** (2013.01 - EP); **C07C 211/51** (2013.01 - EP); **C07C 211/54** (2013.01 - KR)

Citation (search report)  
• [AD] DE 3508309 A1 19860911 - HENKEL KGAA [DE]  
• [AD] DE 3233841 A1 19830331 - BASF AG [DE]

Cited by  
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Designated contracting state (EPC)  
ES GR

DOCDB simple family (publication)  
**WO 9001022 A2 19900208**; **WO 9001022 A3 19900322**; DE 3824299 A1 19900412; EP 0355364 A2 19900228; EP 0355364 A3 19900516; KR 900701732 A 19901204

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**EP 8900792 W 19890710**; DE 3824299 A 19880718; EP 89112609 A 19890710; KR 900700546 A 19900315